



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61K 31/33, 31/395, 31/41, 31/435, 31/55, C07D 513/10		A1	(11) International Publication Number: WO 98/25605 (43) International Publication Date: 18 June 1998 (18.06.98)									
<p>(21) International Application Number: PCT/US97/23586</p> <p>(22) International Filing Date: 12 December 1997 (12.12.97)</p> <p>(30) Priority Data:</p> <table> <tr> <td>60/032,735</td> <td>13 December 1996 (13.12.96)</td> <td>US</td> </tr> <tr> <td>60/033,558</td> <td>20 December 1996 (20.12.96)</td> <td>US</td> </tr> <tr> <td>9703005.0</td> <td>13 February 1997 (13.02.97)</td> <td>GB</td> </tr> </table> <p>(71) Applicant (for all designated States except US): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): MILLS, Sander, G. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). SPRINGER, Martin, S. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US). MacCOSS, Malcolm [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).</p> <p>(74) Common Representative: MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065 (US).</p>		60/032,735	13 December 1996 (13.12.96)	US	60/033,558	20 December 1996 (20.12.96)	US	9703005.0	13 February 1997 (13.02.97)	GB	<p>(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, GW, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p>Published With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</p>	
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<p>(54) Title: SPIRO-SUBSTITUTED AZACYCLES AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY</p> <p>(57) Abstract</p> <p>The present invention is directed to spiro-substituted azacycles of formula (I) (wherein R₁, 1, m, Q, W, X, Y and Z are defined herein) which are useful as modulators of chemokine receptor activity. In particular, these compounds are useful as modulators of the chemokine receptors CCR-1, CCR-2, CCR-2A, CCR-2B, CCR-3, CCR-4, CCR-5, CXCR-3, and/or CXCR-4.</p> <p style="text-align: right;">(I)</p>												